

# SOUTH PRODUCTION NOTES

April 9, 2014  
Afternoon Shift

BASF EMPLOYEES  
28 Last Recordable  
278 Last Lost Time

## **#1 MED D-1708:**

Instructions were given late on 1<sup>st</sup> shift to make a half batch. Remember that the first batch produced was set aside on the “hold” area for disposition – zeolite picked up excess moisture and the batch had to be dried in the mixer itself. Work notifications written for oil leak at gearbox on the extruder and the guard over the motor at the Cleveland vibrator (discharge of #1 dryer) – RAND 4/8/14. Let’s keep an eye on it and hit our rate. Day shift: Drawing up powder late in the shift to run a half batch in order to get the powder room hoppers as empty as possible.

Afternoon Shift:

Midnight shift:

## **#1 RC / D-1708:**

Screens for D-1708 (.156 x 5/16 OS, .084 x 1/4 fines).

Day shift: Continued feeding.

Afternoon Shift:

Midnight shift:

Exhaust to Trimer

## **#2 MED line/ Cu-0860:**

We will be using World Metals Copper Carbonate. No Phibrotech in house. Chiller is ready to go. Work notification on #2 Viron East flow meter still outstanding (RAND 4/7/14). Per the engineer, we can run with low flow on the viron with this product.

Day Shift: Chiller was filled, line was walked over, and the program changes were made.

While starting to draw up powder for the first batch late on 1<sup>st</sup> shift, too much Cu 3818 was drawn up. John Bodmann was notified and we are waiting for a remedy.

Afternoon Shift:

Midnight shift:

## **#2 RC/ Cu-0860:**

A final inspection and set up of the bag off station is required. Once done and we have material, we can start to calcine.

Day shift: No change on the calciner. Trying to get the MED running.

Afternoon shift:

**Midnight shift:**

**#3 MED line / D-0704:**

Continue . Get required samples per the MOD. Grease end seals once a shift while mixing.

Day shift: Drummed off the overloaded batch that was in the mixer and then shifted manpower to #2 and #1.

Afternoon Shift:

Midnight Shift:

**#3 RC/ D-0704:**

Currently feeding. We need to keep track of the weight on the fines drums as they are filled up – need to add the weight to the green sheet. Additionally, and because it is a precious metal base, we need to weigh each bag and record its weight on the log sheet by the scale at the East side of building 31 on the first floor.

Day shift:

Afternoon Shift:

Midnight shift:

**Exhaust to CTO**

**Abbe Blender – D-5206:**

MOD in the department. All HF supplies are available. Contractor finalized work at Abbe solution discharge pump. Need to pressure test the Abbe for the third time after the second attempt failed. The lid was cleaned and resealed during afternoon shift. If pressure test is successful we can start running during off shifts as the contractors will not be in the way.

Day shift: No change. Abbe will still need to be pressure tested.

Afternoon shift:

Midnight shift:

**National Dryer / D-5206:**

The National Dryer has been soda blasted by the contractor. We need to inspect and verify that it is ready to go and light. The Abbe is slated to start running on afternoon shift Friday.

Day shift: No change.

Afternoon Shift:

Midnight Shift:

**PK Blender / 1505:**

1505 raws have arrived. Check the dust collector pressure drop before beginning.

Day shift: Raws are here. We can begin making batches on 2<sup>nd</sup> shift.

Afternoon Shift:

Midnight Shift:

### **#5 RC / 1506, then back to 1505:**

Need to remember that we do not need 5A dust collector running with this product. We need to check the suction twice every shift. Run 20 bags of 1506 (~40,000 lbs). Switched discharge bags from a 120 to a 118 lined bag. We have a partial bag of 1505 calcined...start with that bag when we switch back to 1505.

Day shift: Running the last bag(wet bag). Watch this closely as it may stick to the hopper or bridge over. When finished(even if it is trickling out at 10 pounds per hour we can switch back to the partial bag of 1505 and begin feeding 1505 material. These products are so close we do not have to worry about contamination.

Afternoon shift:

Midnight shift:

**Exhaust to Trimer**

### **Tower 3 / Cu-1986:**

Tower is loaded and running.

Day shift: Continued on. Another couple of days.

Afternoon shift:

Midnight Shift:

### **Tower 6 / Cu-1986:**

Tower is running.

Day shift: Continued on. Another 12-16 hours.

Afternoon shift:

Midnight Shift:

### **North Screener / Cu-1986**

Continue. We are going to target the week of the 14th pending if OCS can be out that week (Kirk to schedule). This will allow for the screeners to finish up the critical tower loads of Cu-1986 for the shipment date and be able to schedule OCS and other contractors needed to complete the installation and tie in with WonderWare. It should take about a shift worth of time to complete.

Day shift: Maintenance work was done on the air line for the feeder. It will need to sit until 7:00 pm tonight before we can run it. A replacement air line is on order, but we will need to let the patch on the current line to dry.

Afternoon Shift:

Midnight shift:



### **South Screener / Cu-1986:**

We are going to target the week of the 14th pending if OCS can be out that week (Kirk to schedule). This will allow for the screeners to finish up the critical tower loads of Cu-1986 for the shipment date and be able to schedule OCS and other contractors needed to complete the installation and tie in with WonderWare. It should take about a shift worth of time to complete.

Day shift: Continued on.

Afternoon Shift:

Midnight shift:

### **Tunnel Kiln #2 / D-0406 (Zinc material off #1 MED):**

We are running. Please note that we are not to add material to the top sagger. A note has been added to the MOD. A 2 inch oversize screen was used (M.V. 3/16/14). Continue to monitor Co emissions on the log sheet. There are 4 full bags (including 1 that is hanging, not opened yet) and 1 partial left of EL00038. MOD now states to make that lot all EL00318 D0406 (therefore more than 24 drums) and to make lot EL00039 D0405 its own lot and separate by 1 car in the kiln.

Day shift: Continued on. 1 last bag to hang of the Lot 38 material.

Afternoon Shift:

Midnight shift:

### **Tunnel Kiln #3 / Setting up for Cu Carb test:**

Zone #3 is lit on pilots. 50 minutes per cart. Waiting for additional instructions.

Day shift: The test saggars that were loaded on midnight shift last night will be unloaded tonight and we will need to get results from those before any final decisions are made.

Afternoon Shift:

Midnight shift:

### **#4 RC / Selexorb:**

Calciner is ready to go. We will wait for the Selexsorb to arrive on 4/15/14. WE WILL NOT RUN D-5206 THROUGH THIS CALCINER.

Day shift: HOLD

Afternoon Shift: HOLD

Midnight Shift: HOLD

Exhaust to Trimer

### **Harrop Kiln - Al-3921 T 3/16”:**

Down... saggars have been removed, screener parts at TK#2

Day shift: HOLD

Afternoon shift: HOLD

Midnight shift: HOLD

### **New Pfaudler / Celenese Trial**

The Pfaudler has been rinsed but not acid washed. Tentative start update the week of 4-21.

Day shift: HOLD

Afternoon Shift: HOLD

Midnight shift: HOLD

### **#6 RC / D-0754:**

Down - Campaign not started yet.

Day Shift: HOLD

Afternoon shift: HOLD

Midnight shift: HOLD

Exhaust to

### **Old Pfaudler – D-0795 blends:**

Pfaudler is ready. Blends tentatively slated to start the week of April 14 and may not happen at all.

Day Shift: HOLD

Afternoon Shift: HOLD

Midnight Shift: HOLD

### **#2662 Pill Machine / Zr-0403 1/8: Hold**

Started to clean up and take apart machines in preparation for Zr material. We will use only one dust collector.

Day Shift:

Afternoon shift: no activity.

Midnight shift: Continue cleaning and prep

### **#2664 Pill Machine / Zr-0403 1/8: Hold**

Started to clean up and take apart machines in preparation for Zr material. We will use only one dust collector.

Day Shift:

Afternoon shift: No activity.

Midnight shift: Continue cleaning and prep

### **Tank 7 / Is Clean :**

**Steamed and rinsed. Tank toted off and looks good (RAS 4/6/14)**

**Day shift:**

**Afternoon Shift:**

**Midnight Shift:**

### **HC-11 Tanks :**

**Acid washed Tanks 4 & 107; all tanks empty with the exception of Tank 2. (RAND - 3/24/14)**

**Day shift:**

**Afternoon Shift: No activity**

**Midnight shift: No activity**

**Priorities:** Most of all Safety and Nox treatment; and Towers